```
=> d l17
L17 HAS NO ANSWERS
L17             STR
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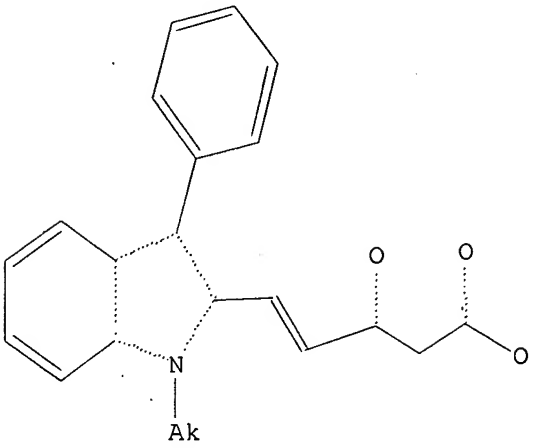


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G1 Ak,C
G2 C,O

Structure attributes must be viewed using STN Express query preparation.

=> s l17
SAMPLE SEARCH INITIATED 14:57:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     37 TO ITERATE

100.0% PROCESSED       37 ITERATIONS                                 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          376 TO     1104
PROJECTED ANSWERS:               1 TO       80

L18           1 SEA SSS SAM L17

=> s l17 full
FULL SEARCH INITIATED 14:57:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    920 TO ITERATE

100.0% PROCESSED      920 ITERATIONS                                13 ANSWERS
SEARCH TIME: 00.00.01

L19          13 SEA SSS FUL L17

=> fil caplus
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                 161.76    1029.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE      TOTAL
                                                     ENTRY    SESSION
CA SUBSCRIBER PRICE                                   0.00      -7.30
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Ngrazier 10750466final and interm

FILE 'CAPLUS' ENTERED AT 14:57:49 ON 05 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 5 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 4 Jul 2005 (20050704/ED)

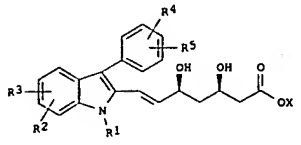
New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l19
L20 3 L19

=> d ed abs ibib hitstr 1-3

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 24 Sep 2004
GI



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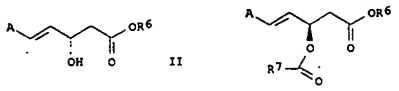
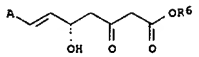


II III



IV

AB A process is claimed for the preparation of compds. of formula (I), where R1 = alkyl, R2-R5 = alkyl, alkoxy, phenoxy, benzyloxy, or halogen, and X = H, organic radical, or cation, by enzymic acylation to form compds. of formulas (II) and (III) and then reacting the compound II with a compound introducing the radical of formula -CH2-COOR8, R6-R8 being organic radicals, and then reducing, and optionally hydrolyzing, the resulting compound of formula (IV).

ACCESSION NUMBER: 2004:780664 CAPLUS
DOCUMENT NUMBER: 141:294773
TITLE: Process for the preparation of indole derivatives by enzymatic acylation
INVENTOR(S): Oehrlein, Reinhold; End, Nicole; Baisch, Gabriele
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

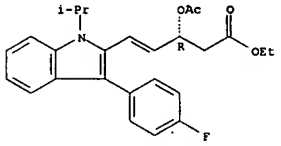
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004080963	A1	20040923	WO 2004-EP50244	20040303

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

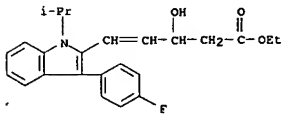
L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.: EP 2003-405174 A 20030313
OTHER SOURCE(S): MARPAT 141:294773

IT 760980-67-4P
RL: BPN (Biosynthetic preparation); PUR (Purification or recovery); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of indole derivs. by enzymic acylation)
RN 760980-67-4 CAPLUS
CN 4-Pentenoic acid, 3-(acetyloxy)-5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-, ethyl ester, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

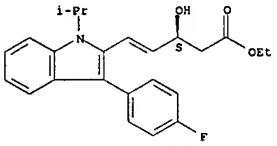


IT 760980-63-0P 760980-68-5P
RL: PRP (Properties); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indole derivs. by enzymic acylation)
RN 760980-63-0 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester (9CI) (CA INDEX NAME)

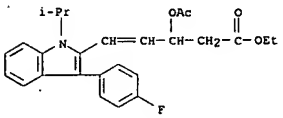


RN 760980-68-5 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester, (3S)- (9CI) (CA INDEX NAME)

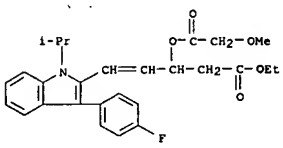
L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
Absolute stereochemistry.
Double bond geometry unknown.



IT 760980-64-1P 760980-65-2P 760980-66-3P
760980-71-0P
RL: PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)
(preparation of indole derivs. by enzymic acylation)
RN 760980-64-1 CAPLUS
CN 4-Pentenoic acid, 3-(acetyloxy)-5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-, ethyl ester (9CI) (CA INDEX NAME)

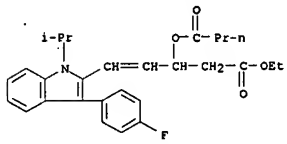


RN 760980-65-2 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-[(methoxyacetyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



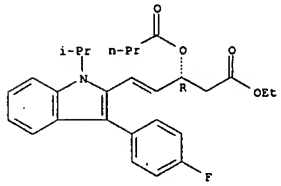
RN 760980-66-3 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-(1-oxobutoxy)-, ethyl ester (9CI) (CA INDEX NAME)

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



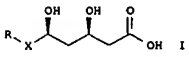
RN 760980-71-0 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-(1-oxobutoxy)-, ethyl ester, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 29 Aug 2003
GI



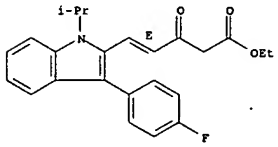
AB Mevalonic acid derivs. I [R = cyclic residue; X = CH2CH2, CH:CH] are prepared by treating R1R2R3P:CHCOCH2CO2R4 [R1-R3 = (un)substituted Ph; R4 = aliphatic, cycloaliph., aromatic] with RCHO, reducing the resulting RCH:CHCOCH2CO2R4 in presence of a chiral metal BINAP or TsDPEN catalyst, treating the resulting alc. with an ester enolate, reducing the second oxo group, and hydrolyzing the ester group. Thus, ClCH2COCH2CO2Et was treated with PPh3 to give Ph3P:CHCOCH2CO2Et which was treated with 2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-carboxaldehyde to give (E)-5-(2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-3-oxopent-4-enoic acid Et ester. This ester was reduced with Ru[(1R,2R)-p-TsNCHPhCHPhNH](η-p-cymene) and treated with Me3COAc to give (E)-(S)-7-(2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-5-hydroxy-3-oxohept-4-enoic acid tert.-Bu ester which was reduced with MeOBEt2 and hydrolyzed to give (E)-(3R,5S)-7-(2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-3,5-dihydroxyhept-4-enoic acid calcium salt.

ACCESSION NUMBER: 2003:678800 CAPLUS
DOCUMENT NUMBER: 139:214343
TITLE: Process for the manufacture of HMG-CoA reductase inhibitory mevalonic acid derivatives
INVENTOR(S): Sedelmeier, Gottfried; Mathes, Christian
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070717	A1	20030828	WO 2003-EP1738	20030220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
CA 2473075	AA	20030823	CA 2003-2473075	20030220
EP 1478640	A1	20041124	EP 2003-714750	20030220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003007801	A	20041221	BR 2003-7801	20030220
PRIORITY APPLN. INFO.:			GB 2002-4129 A	20020221

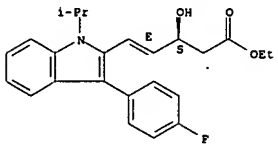
L20 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
WO 2003-EP1738 W 20030220
OTHER SOURCE(S): MARPAT 139:214343
IT 375846-20-1P 586966-56-5P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(process for the manufacture of HMG-CoA reductase inhibitory mevalonic acid derivs.)
RN 375846-20-1 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, ethyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 586966-56-5 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester, (3S,4E)- (9CI) (CA INDEX NAME)

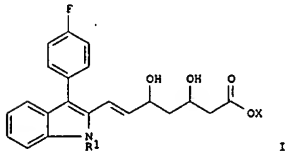
Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Appl

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 07 Dec 2001
GI



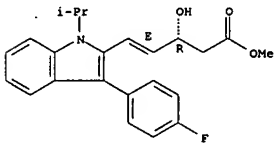
AB A process for the preparation of the title compds. I [R1 = C1-C6 alkyl; X = H, hydrocarbon radical or a cation] is reported. E.g., sodium erythro-(±)-(E)-7-[3-(4-fluorophenyl)-1-isopropyl-1H-indol-2-yl]-3,5-dihydroxyhept-6-enoate was prepared in a multistep synthesis from 3-(4-fluorophenyl)-1-isopropyl-1H-indole.

ACCESSION NUMBER: 2001:886062 CAPLUS
DOCUMENT NUMBER: 136:5904
TITLE: Process for the preparation of indole derivatives and intermediates of the process
INVENTOR(S): Wolleb, Annemarie; Wolleb, Heinz
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092223	A1	20011206	WO 2001-EP5667	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2407862	AA	20011206	CA 2001-2407862	20010517
AU 2001074049	A5	20011211	AU 2001-74049	20010517
EP 1284964	A1	20030226	EP 2001-940495	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003535077	T2	20031125	JP 2002-500838	20010517
US 2003166946	A1	20030904	US 2002-296106	20021122
US 6743926	B2	20040601		
US 2004176614	A1	20040909	US 2004-803705	20040318
PRIORITY APPLN. INFO.:			EP 2000-810460 A	20000526
			WO 2001-EP5667 W	20010517
			US 2002-296106 A3	20021122

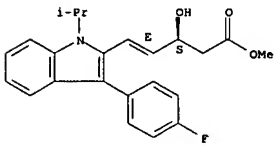
L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
OTHER SOURCE(S): CASREACT 136:5904; MARPAT 136:5904
IT 375846-23-4P 375846-24-5P
RL: IMF (Industrial manufacture); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indole derivs.)
RN 375846-23-4 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (3R,4E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 375846-24-5 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (3S,4E)- (9CI) (CA INDEX NAME)

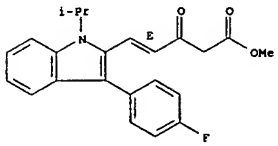
Absolute stereochemistry.
Double bond geometry as shown.



IT 375846-15-4P 375846-22-3P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indole derivs.)
RN 375846-15-4 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, methyl ester, (4E)- (9CI) (CA INDEX NAME)

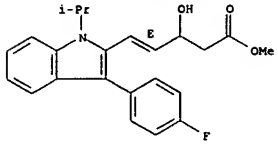
Double bond geometry as shown.

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



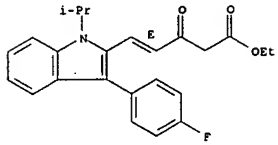
RN 375846-22-3 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT 375846-20-1P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of indole derivs.)
RN 375846-20-1 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, ethyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.27	1044.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.19	-9.49

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